

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSSPTA1615LXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAR 31 IFICDB, IFIPAT, and IFIUDB enhanced with new custom  
IPC display formats  
NEWS 3 MAR 31 CAS REGISTRY enhanced with additional experimental  
spectra  
NEWS 4 MAR 31 CA/CAplus and CASREACT patent number format for U.S.  
applications updated  
NEWS 5 MAR 31 LPCI now available as a replacement to LDPCI  
NEWS 6 MAR 31 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
NEWS 7 APR 04 STN AnaVist, Version 1, to be discontinued  
NEWS 8 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new  
predefined hit display formats  
NEWS 9 APR 28 EMBASE Controlled Term thesaurus enhanced  
NEWS 10 APR 28 IMSRESEARCH reloaded with enhancements  
NEWS 11 MAY 30 INPAFAMDB now available on STN for patent family  
searching  
NEWS 12 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology  
sequence search option  
NEWS 13 JUN 06 EPFULL enhanced with 260,000 English abstracts  
NEWS 14 JUN 06 KOREAPAT updated with 41,000 documents  
NEWS 15 JUN 13 USPATFULL and USPAT2 updated with 11-character  
patent numbers for U.S. applications  
NEWS 16 JUN 19 CAS REGISTRY includes selected substances from  
web-based collections  
NEWS 17 JUN 25 CA/CAplus and USPAT databases updated with IPC  
reclassification data  
NEWS 18 JUN 30 AEROSPACE enhanced with more than 1 million U.S.  
patent records  
NEWS 19 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional  
options to display authors and affiliated  
organizations  
NEWS 20 JUN 30 STN on the Web enhanced with new STN AnaVist  
Assistant and BLAST plug-in  
NEWS 21 JUN 30 STN AnaVist enhanced with database content from EPFULL  
NEWS 22 JUL 28 CA/CAplus patent coverage enhanced  
NEWS 23 JUL 28 EPFULL enhanced with additional legal status  
information from the epoline Register  
NEWS 24 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements  
NEWS 25 JUL 28 STN Viewer performance improved  
NEWS 26 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008

=> file reg  
COST IN U.S. DOLLARS  
SINCE FILE ENTRY TOTAL  
SESSION  
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0  
DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

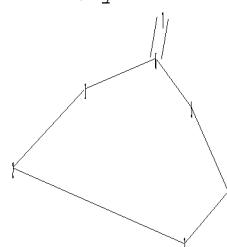
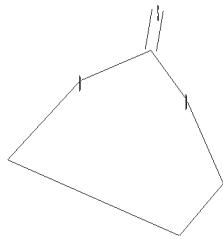
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\STNEXP\Queries\cyclic carbonate.str



chain nodes :

7

ring nodes :

ring nodes :

6-7  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 6-7

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS

L1 STRUCTURE UPLOADED

=> s 11  
SAMPLE SEARCH INITIATED 17:48:00 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

100.0% PROCESSED 31 ITERATIONS 3 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 286 TO 954  
PROJECTED ANSWERS: 3 TO 163

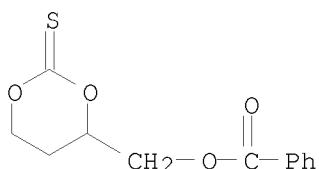
L2 3 SEA SSS SAM L1

=> d 12

L2 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 501353-48-6 REGISTRY  
ED Entered STN: 02 Apr 2003  
CN 1,3-Dioxane-2-thione, 4-[(benzoyloxy)methyl]-, homopolymer (9CI) (CA INDEX NAME)  
MF (C12 H12 O4 S)x  
CI PMS  
PCT Polycarbonate, Polycarbonate formed  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

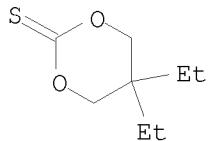
CRN 501353-45-3  
CMF C12 H12 O4 S



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 2-3

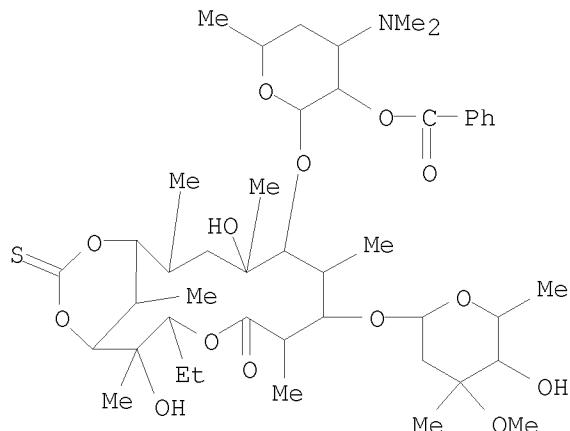
L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 119543-65-6 REGISTRY  
 ED Entered STN: 10 Mar 1989  
 CN 1,3-Dioxane-2-thione, 5,5-diethyl- (CA INDEX NAME)  
 OTHER NAMES:  
 CN 5,5-Diethyl-1,3-dioxan-2-thione  
 MF C8 H14 O2 S  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 110191-25-8 REGISTRY  
 ED Entered STN: 05 Sep 1987  
 CN 4,14,16-Trioxabicyclo[11.3.1]heptadecan-5-one, 9-[(2-O-benzoyl-3,4,6-trideoxy-3-(dimethylamino)-.beta.-D-xylo-hexopyranosyl)oxy]-7-[(2,6-dideoxy-3-C-methyl-3-O-methyl-.alpha.-L-ribo-hexopyranosyl)oxy]-3-ethyl-2,10-dihydroxy-2,6,8,10,12,17-hexamethyl-15-thioxo-,  
 (1R,2R,3R,6R,7S,8S,9R,10R,12R,13S,17S)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Erythromycin, 9,11-[(carbonothioyl)bis(oxy)]-9-deoxo-11-deoxy-,  
 2'-benzoate, (9S)-  
 MF C45 H71 N O14 S  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> filce caplus  
0 FILCE  
0 CAPLUS  
L3 0 FILCE CAPLUS  
(FILCE(W)CAPLUS)

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
SESSION  
FULL ESTIMATED COST ENTRY 17.22 17.43

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7  
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 119543-65-6 /rn  
REG1stRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L5 6 L4

FIELD CODES CANNOT BE CHANGED HERE  
COMMAND STACK INTERRUPTED. ENTER "DISPLAY HISTORY"  
TO SEE WHICH COMMANDS WERE EXECUTED.

You may have tried to apply a field code to a term that already has a field code. You can only add a field code to a term that has no field code appended to it.

=> d 15 1- ibib

YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):Y

L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2008:547103 CAPLUS  
DOCUMENT NUMBER: 149:54700  
TITLE: Tetraoxaspiroalkanes for polymerization stress reduction of Silorane resins  
AUTHOR(S): Chappelow, Cecil C.; Pinzino, Charles S.; Chen, Shin-Shi; Kotha, Shiva P.; Giaros, Alan G.; Eick, J. David  
CORPORATE SOURCE: Midwest Research Institute, Kansas City, MO, 64110, USA  
SOURCE: Journal of Applied Polymer Science (2008), 108(6), 3738-3747  
PUBLISHER: John Wiley & Sons, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2007:356773 CAPLUS  
DOCUMENT NUMBER: 146:359664  
TITLE: Tetraoxaspiroundecanes and methods of use with organosilicon monomers in photopolymerizable compositions  
INVENTOR(S): Chappelow, Cecil C.; Pinzino, Charles S.; Chen, Shin-Shi; Eick, J. David  
PATENT ASSIGNEE(S): Curators of the University of Missouri, USA; Midwest Research Institute  
SOURCE: U.S. Pat. Appl. Publ., 21pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20070072954	A1	20070329	US 2006-540031	20060929
PRIORITY APPLN. INFO.:			US 2005-721806P	P 20050929
OTHER SOURCE(S):	MARPAT	146:359664		

L5 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2001:275464 CAPLUS  
DOCUMENT NUMBER: 135:92889  
TITLE: A semiempirical quantum mechanical study of the cationic homopolymerization of expanding and potentially expanding monomer systems  
AUTHOR(S): Holder, A. J.; White, D. A.; Harris, C. D.; Eick, J. D.; Chappelow, C. C.  
CORPORATE SOURCE: Department of Chemistry, University of Missouri-Kansas City, Kansas City, MO, 64110, USA  
SOURCE: THEOCHEM (2001), 541, 159-169  
PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2000:493582 CAPLUS  
DOCUMENT NUMBER: 133:121126  
TITLE: Photopolymerizable vinyl ether based monomeric formulations and polymerizable compositions which may include spiroorthocarbonates  
INVENTOR(S): Chappelow, Cecil C.; Pinzino, Charles S.; Eick, J. David; Oxman, Joel D.  
PATENT ASSIGNEE(S): The Curators of the University of Missouri, USA; 3M Innovative Properties Company  
SOURCE: PCT Int. Appl., 106 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000042080	A1	20000720	WO 1999-US20002	19990901
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 20020013380	A1	20020131	US 1999-232500	19990115
US 6458865	B2	20021001		
CA 2355326	A1	20000720	CA 1999-2355326	19990901
AU 9961333	A	20000801	AU 1999-61333	19990901
EP 1165627	A1	20020102	EP 1999-948092	19990901
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002534568	T	20021015	JP 2000-593646	19990901
US 20030119931	A1	20030626	US 2002-234551	20020904
US 6653486	B2	20031125		

PRIORITY APPLN. INFO.: US 1999-232500 A 19990115  
WO 1999-US20002 W 19990901  
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1991:234996 CAPLUS  
DOCUMENT NUMBER: 114:234996  
ORIGINAL REFERENCE NO.: 114:39527a,39530a  
TITLE: Evaluation of spiro orthocarbonate monomers capable of polymerization with expansion as ingredients in dental composite materials  
AUTHOR(S): Stansbury, J. W.; Bailey, W. J.  
CORPORATE SOURCE: Natl. Inst. Stand. Technol., Gaithersburg, MD, 20899, USA  
SOURCE: Prog. Biomed. Polym., [Proc. Am. Chem. Soc. Symp.] (1990), Meeting Date 1988, 133-9. Editor(s): Gebelein, Charles G.; Dunn, Richard L. Plenum: New York, N. Y.

CODEN: 57BPAS  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L5 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1989:115734 CAPLUS  
DOCUMENT NUMBER: 110:115734  
ORIGINAL REFERENCE NO.: 110:19104h,19105a  
TITLE: Evaluation of spiro orthocarbonate monomers capable of polymerization with expansion as ingredients in dental composite materials  
AUTHOR(S): Stansbury, J. W.; Bailey, W. J.  
CORPORATE SOURCE: Natl. Bur. Stand., Gaithersburg, MD, 20899, USA  
SOURCE: Polymeric Materials Science and Engineering (1988), 59, 402-6  
CODEN: PMSEDG; ISSN: 0743-0515  
DOCUMENT TYPE: Journal  
LANGUAGE: English

=> d his full

(FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008

L1 STRUCTURE UPLOADED  
L2 3 SEA SSS SAM L1  
D L2  
D L2 2-3  
L3 0 SEA ABB=ON PLU=ON FILCE CAPLUS

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008

S 119543-65-6/REG# /RN

FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008

L4 1 SEA ABB=ON PLU=ON 119543-65-6/RN

FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008

L5 6 SEA ABB=ON PLU=ON L4  
D L5 1- IBIB

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7  
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> log h
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          8.22           26.59
```

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 17:50:41 ON 12 AUG 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSSPTA1615LXC

PASSWORD:  
\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 17:53:29 ON 12 AUG 2008  
FILE 'CAPLUS' ENTERED AT 17:53:29 ON 12 AUG 2008  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

```
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          8.22           26.59
```

```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          8.70           27.07
```

FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7  
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s cyclic carbonate  
    340973 CYCLIC  
        355 CYCLICS  
    341113 CYCLIC  
        (CYCLIC OR CYCLICS)  
    331030 CARBONATE  
        72017 CARBONATES  
    366152 CARBONATE  
        (CARBONATE OR CARBONATES)  
L6       2999 CYCLIC CARBONATE  
          (CYCLIC(W)CARBONATE)

=> s 16 (p) (skin or hair or nail or topical or dermatological or cuticle or eye makeup or eyelashes or mascara or lipstick) (p) composition  
    284608 SKIN  
        11190 SKINS  
    290875 SKIN  
        (SKIN OR SKINS)  
    70086 HAIR  
        5681 HAIRS  
    72642 HAIR  
        (HAIR OR HAIRS)  
    8323 NAIL  
        3464 NAILS  
    10054 NAIL  
        (NAIL OR NAILS)  
    51324 TOPICAL  
        41 TOPICALS  
    51343 TOPICAL  
        (TOPICAL OR TOPICALS)  
    2847 DERMATOLOGICAL  
        13 DERMATOLOGICALS  
    2858 DERMATOLOGICAL  
        (DERMATOLOGICAL OR DERMATOLOGICALS)  
    6786 DERMATOL  
    8231 DERMATOLOGICAL  
        (DERMATOLOGICAL OR DERMATOL)  
    9024 CUTICLE  
    1291 CUTICLES

9399 CUTICLE  
     (CUTICLE OR CUTICLES)  
 129926 EYE  
 28209 EYES  
 140588 EYE  
     (EYE OR EYES)  
 6768 MAKEUP  
 2439 MAKEUPS  
 7920 MAKEUP  
     (MAKEUP OR MAKEUPS)  
 229 EYE MAKEUP  
     (EYE (W) MAKEUP)  
 316 EYELASHES  
 636 MASCARA  
 1319 MASCARAS  
 1468 MASCARA  
     (MASCARA OR MASCARAS)  
 1709 LIPSTICK  
 3122 LIPSTICKS  
 3628 LIPSTICK  
     (LIPSTICK OR LIPSTICKS)  
 734462 COMPOSITION  
 334735 COMPOSITIONS  
 1061510 COMPOSITION  
     (COMPOSITION OR COMPOSITIONS)  
 1550283 COMPN  
 625821 COMPNS  
 1898859 COMPN  
     (COMPN OR COMPNS)  
 2388383 COMPOSITION  
     (COMPOSITION OR COMPN)  
 L7           7 L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR  
              CUTICLE OR EYE MAKEUP OR EYELASHES OR MASCARA OR LIPSTICK) (P)  
              COMPOSITION

=> d 17 ibib 1-  
 YOU HAVE REQUESTED DATA FROM 7 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2004:964798 CAPLUS  
 DOCUMENT NUMBER: 141:415669  
 TITLE: Nail polish remover comprising heterocyclic solvent  
       having a carbonyl moiety  
 INVENTOR(S): Fujii, Gary  
 PATENT ASSIGNEE(S): Biocerax, Inc., USA  
 SOURCE: U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U.S.  
       Ser. No. 394,405.  
       CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040224861	A1	20041111	US 2004-804834	20040319
US 7074746	B2	20060711		
US 20040186029	A1	20040923	US 2003-394405	20030319
PRIORITY APPLN. INFO.:			US 2003-394405	A2 20030319
REFERENCE COUNT:	21	THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L7 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2004:428792 CAPLUS  
 DOCUMENT NUMBER: 140:411993  
 TITLE: Cosmetic composition comprising at least one specific cyclic carbonate  
 INVENTOR(S): Brun, Gaelle; Rollat-Corvol, Isabelle  
 PATENT ASSIGNEE(S): L'oreal, Fr.  
 SOURCE: PCT Int. Appl., 57 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004043330	A2	20040527	WO 2003-FR3285	20031104
WO 2004043330	A3	20041021		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
FR 2846879	A1	20040514	FR 2002-13938	20021107
AU 2003292331	A1	20040603	AU 2003-292331	20031104
EP 1562538	A2	20050817	EP 2003-767897	20031104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006518330	T	20060810	JP 2004-550734	20031104
PRIORITY APPLN. INFO.:			FR 2002-13938	A 20021107
			US 2002-434654P	P 20021220
			WO 2003-FR3285	W 20031104

OTHER SOURCE(S): MARPAT 140:411993

L7 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2004:390943 CAPLUS  
 DOCUMENT NUMBER: 140:380256  
 TITLE: Cosmetic composition containing at least a particular cyclic carbonate  
 INVENTOR(S): Brun, Gaelle; Rollat Corvol, Isabelle  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Fr. Demande, 57 pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2846879	A1	20040514	FR 2002-13938	20021107
WO 2004043330	A2	20040527	WO 2003-FR3285	20031104
WO 2004043330	A3	20041021		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,				

NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,  
 TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG  
 AU 2003292331 A1 20040603 AU 2003-292331 20031104  
 EP 1562538 A2 20050817 EP 2003-767897 20031104  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 JP 2006518330 T 20060810 JP 2004-550734 20031104  
 US 20040156800 A1 20040812 US 2003-702441 20031107  
 PRIORITY APPLN. INFO.: FR 2002-13938 A 20021107  
 US 2002-434654P P 20021220  
 WO 2003-FR3285 W 20031104

OTHER SOURCE(S): MARPAT 140:380256  
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2001:326226 CAPLUS  
 DOCUMENT NUMBER: 134:344336  
 TITLE: Hair dye compositions containing direct dyes, solvents  
 to promote penetration, and perfume compounds  
 INVENTOR(S): Miyabe, Hajime; Inoue, Michiaki  
 PATENT ASSIGNEE(S): Kao Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001122744	A	20010508	JP 1999-307326	19991028
			JP 1999-307326	19991028

PRIORITY APPLN. INFO.: OTHER SOURCE(S): MARPAT 134:344336

L7 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2000:315003 CAPLUS  
 DOCUMENT NUMBER: 132:339029  
 TITLE: Hair and skin conditioners  
 INVENTOR(S): Kahre, Joerg; Boyzen, Norbert; Prat Queralt, Esther;  
 Blasquez Fernandez, Jose  
 PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany  
 SOURCE: Ger. Offen., 12 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19851451	A1	20000511	DE 1998-19851451	19981109
WO 2000027343	A2	20000518	WO 1999-EP8287	19991030
WO 2000027343	A3	20001116		

W: JP, US  
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE

PRIORITY APPLN. INFO.: DE 1998-19851451 A 19981109

OTHER SOURCE(S): MARPAT 132:339029  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:549118 CAPLUS  
DOCUMENT NUMBER: 131:181124  
TITLE: Aqueous formulations for combating parasitic insects and acarina on humans  
INVENTOR(S): Sirinyan, Kirkor; Horn, Karin; Stocker, Ronald Helmut; Sonneck, Rainer  
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany  
SOURCE: PCT Int. Appl., 45 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9941987	A1	19990826	WO 1999-EP878	19990210
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19807630	A1	19990826	DE 1998-19807630	19980223
CA 2321206	A1	19990826	CA 1999-2321206	19990210
AU 9925230	A	19990906	AU 1999-25230	19990210
AU 739980	B2	20011025		
BR 9908197	A	20001024	BR 1999-8197	19990210
TR 200002441	T2	20001121	TR 2000-2441	19990210
EP 1056342	A1	20001206	EP 1999-904877	19990210
EP 1056342	B1	20030820		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
HU 2001000959	A2	20010828	HU 2001-959	19990210
JP 2002503682	T	20020205	JP 2000-532014	19990210
AT 247384	T	20030915	AT 1999-904877	19990210
PT 1056342	T	20031231	PT 1999-904877	19990210
ES 2205770	T3	20040501	ES 1999-904877	19990210
ZA 9901384	A	19990823	ZA 1999-1384	19990222
IN 2000MN00226	A	20050715	IN 2000-MN226	20000727
US 6369054	B1	20020409	US 2000-601572	20000803
MX 2000PA08052	A	20010405	MX 2000-PA8052	20000817
HK 1035993	A1	20070914	HK 2001-107011	20011005
PRIORITY APPLN. INFO.:			DE 1998-19807630	A 19980223
			WO 1999-EP878	W 19990210

OTHER SOURCE(S): MARPAT 131:181124  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:549117 CAPLUS  
DOCUMENT NUMBER: 131:166526  
TITLE: Aqueous formulations of animal ectoparasiticides  
INVENTOR(S): Sirinyan, Kirkor; Dorn, Hubert; Heukamp, Ulrich  
PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 48 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9941986	A1	19990826	WO 1999-EP875	19990210
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19807633	A1	19990826	DE 1998-19807633	19980223
CA 2321209	A1	19990826	CA 1999-2321209	19990210
AU 9926230	A	19990906	AU 1999-26230	19990210
AU 750954	B2	20020801		
BR 9908173	A	20001031	BR 1999-8173	19990210
EP 1056343	A1	20001206	EP 1999-906223	19990210
EP 1056343	B1	20041013		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, LT, LV, FI, RO				
TR 200002443	T2	20001221	TR 2000-2443	19990210
HU 2001000790	A2	20010828	HU 2001-790	19990210
JP 2002503681	T	20020205	JP 2000-532013	19990210
EE 200000485	A	20020215	EE 2000-485	19990210
NZ 506460	A	20030131	NZ 1999-506460	19990210
TW 581660	B	20040401	TW 1999-88102018	19990210
RU 2232505	C2	20040720	RU 2000-124395	19990210
AT 279114	T	20041015	AT 1999-906223	19990210
PT 1056343	T	20050131	PT 1999-906223	19990210
ES 2230835	T3	20050501	ES 1999-906223	19990210
ZA 9901385	A	19990823	ZA 1999-1385	19990222
BG 104690	A	20011031	BG 2000-104690	20000815
BG 64814	B1	20060531		
MX 2000PA08051	A	20010405	MX 2000-PA8051	20000817
NO 2000004188	A	20001023	NO 2000-4188	20000822
NO 324076	B1	20070806		
US 20030162773	A1	20030828	US 2003-347003	20030117
US 7384938	B2	20080610		
PRIORITY APPLN. INFO.:			DE 1998-19807633	A 19980223
			WO 1999-EP875	W 19990210
			US 2000-622660	B1 20000821

OTHER SOURCE(S): MARPAT 131:166526  
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 17 ibib kwic 4

L7 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2001:326226 CAPLUS  
 DOCUMENT NUMBER: 134:344336  
 TITLE: Hair dye compositions containing direct dyes, solvents  
 to promote penetration, and perfume compounds  
 INVENTOR(S): Miyabe, Hajime; Inoue, Michiaki  
 PATENT ASSIGNEE(S): Kao Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001122744	A	20010508	JP 1999-307326	19991028
PRIORITY APPLN. INFO.:			JP 1999-307326	19991028

OTHER SOURCE(S): MARPAT 134:344336

AB Hair dye compns., which can impart long-lasting well-balanced fragrance to hair, contain (A) direct dyes, (B) .gtoreq.1 selected from 4-R1C6H4R2(OCH2CHR3)aOH (R1 = H, Me, OMe; R2 = direct bond, CH2, CH2CH2; . . . = H, C1-4 linear or branched alkyl; b = 1-3), 2-pyrrolidinones I (R7 = C1-18 linear or branched alkyl), and cyclic carbonates II (R8 = H, Me, Et), and (C) .gtoreq.1 perfume compd. selected from arom. or unsatd. nonarom. terpenic hydrocarbons, alcs., ethers, aldehydes, ketones, and esters having vapor pressure .gtoreq.0.06 Pa at 25.degree.. A hair dye contg. PhCH2OH 10, Japan Black 401 0.5, Japan orange 205 0.6, a fragrance mixt. (limonene 250, AcOCH2Ph 130, phenylethyl. . . EtOH 15, polyether-modified silicones 1, xanthan gum 1, lactic acid 4, NaOH 0.2,%, and H2O balance was applied to gray hair at 25.degree. for 15 min and rinsed. The fragrance of the hair was well-balanced and continued.

=> d 17 ibib kwic 5

L7 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2000:315003 CAPLUS  
 DOCUMENT NUMBER: 132:339029  
 TITLE: Hair and skin conditioners  
 INVENTOR(S): Kahre, Joerg; Boyzen, Norbert; Prat Queralt, Esther;  
 Blasquez Fernandez, Jose  
 PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany  
 SOURCE: Ger. Offen., 12 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19851451	A1	20000511	DE 1998-19851451	19981109
WO 2000027343	A2	20000518	WO 1999-EP8287	19991030
WO 2000027343	A3	20001116		

W: JP, US  
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE

PRIORITY APPLN. INFO.: DE 1998-19851451 A 19981109  
 OTHER SOURCE(S): MARPAT 132:339029  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB Hair and skin conditioners contg. esterquats and partial glycerides, which sometimes leave the hair or skin feeling rough or dry, are modified by addn. of alc. ethoxylates, alkyl and/or alkenyl oligoglycosides, and/or polyol poly-12-hydroxystearates, and optionally by further addn. of fatty alcs.

and/or cyclic carbonates, to improve the sensorial properties of the hair or skin. The resulting compns. are water-free, stable during storage, and have a low viscosity as concs. and are self-emulsifying on addn. to aq. phases.. .

=> d his

(FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008

L1                   STRUCTURE UPLOADED  
L2                   3 S L1  
L3                   0 FILCE CAPLUS

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008  
S 119543-65-6/REG# /RN

FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008  
L4                   1 S 119543-65-6/RN

FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008  
L5                   6 S L4

FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008  
L6                   2999 S CYCLIC CARBONATE  
L7                   7 S L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	49.25	76.32
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.60	-1.60

FILE 'REGISTRY' ENTERED AT 18:00:35 ON 12 AUG 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0  
DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

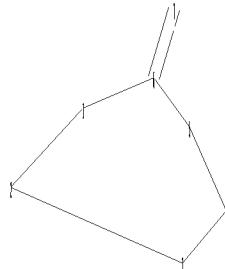
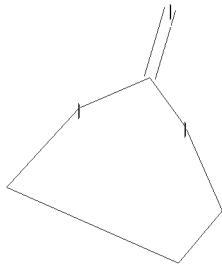
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\STNEXP\Queries\cyclic carbonate 2.str



chain nodes :  
7  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
6-7  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 6-7

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS

L8 STRUCTURE UPLOADED

=> s 18  
SAMPLE SEARCH INITIATED 18:00:47 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 617 TO ITERATE

100.0% PROCESSED 617 ITERATIONS 50 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 10850 TO 13830  
PROJECTED ANSWERS: 1674 TO 2966

L9 50 SEA SSS SAM L8

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 0.46 76.78  
  
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL  
ENTRY SESSION  
CA SUBSCRIBER PRICE 0.00 -1.60

FILE 'CAPLUS' ENTERED AT 18:01:01 ON 12 AUG 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7  
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 19 (p) (skin or hair or nail or topical or dermatological or cuticle or eye makeup or eyelashes or mascara or lipstick) (p) composition  
65 L9  
284608 SKIN  
11190 SKINS  
290875 SKIN  
          (SKIN OR SKINS)  
70086 HAIR  
5681 HAIRS  
72642 HAIR  
          (HAIR OR HAIRS)  
8323 NAIL  
3464 NAILS  
10054 NAIL  
          (NAIL OR NAILS)  
51324 TOPICAL  
41 TOPICALS  
51343 TOPICAL  
          (TOPICAL OR TOPICALS)  
2847 DERMATOLOGICAL  
13 DERMATOLOGICALS  
2858 DERMATOLOGICAL  
          (DERMATOLOGICAL OR DERMATOLOGICALS)  
6786 DERMATOL  
8231 DERMATOLOGICAL  
          (DERMATOLOGICAL OR DERMATOL)  
9024 CUTICLE  
1291 CUTICLES  
9399 CUTICLE  
          (CUTICLE OR CUTICLES)  
129926 EYE  
28209 EYES  
140588 EYE  
          (EYE OR EYES)  
6768 MAKEUP  
2439 MAKEUPS  
7920 MAKEUP  
          (MAKEUP OR MAKEUPS)  
229 EYE MAKEUP

(EYE (W) MAKEUP)  
316 EYELASHES  
636 MASCARA  
1319 MASCARAS  
1468 MASCARA  
(MASCARA OR MASCARAS)  
1709 LIPSTICK  
3122 LIPSTICKS  
3628 LIPSTICK  
(LIPSTICK OR LIPSTICKS)  
734462 COMPOSITION  
334735 COMPOSITIONS  
1061510 COMPOSITION  
(COMPOSITION OR COMPOSITIONS)  
1550283 COMPN  
625821 COMPNS  
1898859 COMPN  
(COMPN OR COMPNS)  
2388383 COMPOSITION  
(COMPOSITION OR COMPN)  
L10 0 L9 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR  
CUTICLE OR EYE MAKEUP OR EYELASHES OR MASCARA OR LIPSTICK) (P)  
COMPOSITION

=> d his

(FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)  
FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008  
L1 STRUCTURE uploaded  
L2 3 S L1  
L3 0 FILCE CAPLUS  
FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008  
S 119543-65-6/REG# /RN  
FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008  
L4 1 S 119543-65-6/RN  
FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008  
L5 6 S L4  
FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008  
L6 2999 S CYCLIC CARBONATE  
L7 7 S L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR  
FILE 'REGISTRY' ENTERED AT 18:00:35 ON 12 AUG 2008  
L8 STRUCTURE uploaded  
L9 50 S L8  
FILE 'CAPLUS' ENTERED AT 18:01:01 ON 12 AUG 2008  
L10 0 S L9 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR DERMATOLOGICAL OR

=> d 19 1-10  
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

L9 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 1035959-42-2 REGISTRY  
ED Entered STN: 25 Jul 2008

CN INDEX NAME NOT YET ASSIGNED

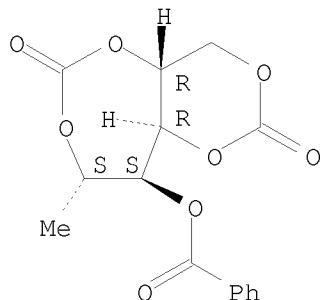
FS STEREOSEARCH

MF C15 H14 O8

SR Other Sources

Database: NIST Mass Spectral Library (National Institute of Standards  
and Technology)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 ANSWER 2 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN

RN 960279-42-9 REGISTRY

ED Entered STN: 09 Jan 2008

CN Poly(oxy-1,2-ethanediyl), .alpha.-[(5-methyl-2-oxo-1,3-dioxan-5-yl)carbonyl]-.omega.-methoxy- (CA INDEX NAME)

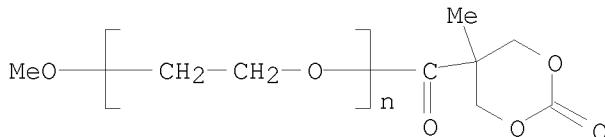
MF (C<sub>2</sub> H<sub>4</sub> O)<sub>n</sub> C<sub>7</sub> H<sub>10</sub> O<sub>5</sub>

CI PMS, COM

PCT Polyether

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 3 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN

RN 959476-65-4 REGISTRY

ED Entered STN: 26 Dec 2007

CN 2-Oxepanone, polymer with 5-(phenylmethoxy)-1,3-dioxan-2-one, tetradecanoate (CA INDEX NAME)

MF C<sub>14</sub> H<sub>28</sub> O<sub>2</sub> . x (C<sub>11</sub> H<sub>12</sub> O<sub>4</sub> . C<sub>6</sub> H<sub>10</sub> O<sub>2</sub>)<sub>x</sub>

PCT Polycarbonate, Polycarbonate formed, Polyester, Polyester formed

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 544-63-8

CMF C<sub>14</sub> H<sub>28</sub> O<sub>2</sub>

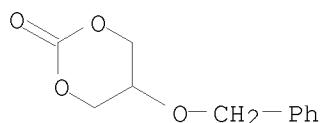
HO2C-(CH2)12-Me

CM 2

CRN 951755-34-3  
CMF (C11 H12 O4 . C6 H10 O2)x  
CCI PMS

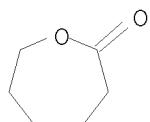
CM 3

CRN 86629-66-5  
CMF C11 H12 O4



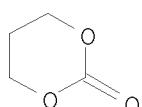
CM 4

CRN 502-44-3  
CMF C6 H10 O2



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 4 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 955124-98-8 REGISTRY  
ED Entered STN: 20 Nov 2007  
CN 1,3-Dioxan-2-one, radical ion(1-) (CA INDEX NAME)  
MF C4 H6 O3  
CI RIS  
SR CA  
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

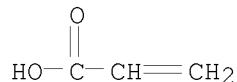
L9 ANSWER 5 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 952417-66-2 REGISTRY

ED    Entered STN:  05 Nov 2007  
CN    1,3-Dioxan-2-one, polymer with oxirane, di-2-propenoate, diblock (CA INDEX NAME)  
MF    (C4 H6 O3 . C2 H4 O)x . 2 C3 H4 O2  
PCT  Polycarbonate, Polycarbonate formed, Polyether, Polyether formed  
SR    CA  
LC    STN Files:    CA, CAPLUS, TOXCENTER

\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*

CM    1

CRN  79-10-7  
CMF  C3 H4 O2

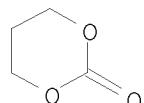


CM    2

CRN  870291-19-3  
CMF  (C4 H6 O3 . C2 H4 O)x  
CCI  PMS

CM    3

CRN  2453-03-4  
CMF  C4 H6 O3



CM    4

CRN  75-21-8  
CMF  C2 H4 O



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

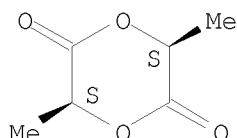
L9    ANSWER 6 OF 50    REGISTRY    COPYRIGHT 2008 ACS on STN  
RN    952109-56-7    REGISTRY  
ED    Entered STN:  31 Oct 2007  
CN    1,4-Dioxane-2,5-dione, 3,6-dimethyl-, (3S,6S)-, polymer with  
1,3-dioxan-2-one and oxirane, block (CA INDEX NAME)  
FS    STEREOSEARCH  
MF    (C6 H8 O4 . C4 H6 O3 . C2 H4 O)x  
CI    PMS

PCT Polycarbonate, Polycarbonate formed, Polyester, Polyester formed,  
Polyether, Polyether formed  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

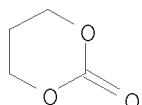
CRN 4511-42-6  
CMF C6 H8 O4

Absolute stereochemistry.



CM 2

CRN 2453-03-4  
CMF C4 H6 O3



CM 3

CRN 75-21-8  
CMF C2 H4 O

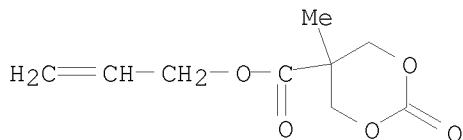


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 7 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 945841-58-7 REGISTRY  
ED Entered STN: 30 Aug 2007  
CN 1,3-Dioxane-5-carboxylic acid, 5-methyl-2-oxo-, 2-propen-1-yl ester,  
polymer with (3S,6S)-3,6-dimethyl-1,4-dioxane-2,5-dione and  
1,4-dioxane-2,5-dione (CA INDEX NAME)  
FS STEREOSEARCH  
MF (C9 H12 O5 . C6 H8 O4 . C4 H4 O4)x  
CI PMS  
PCT Polycarbonate, Polycarbonate formed, Polyester, Polyester formed,  
Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

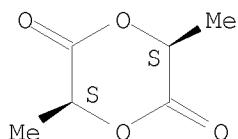
CRN 532424-75-2  
CMF C9 H12 O5



CM 2

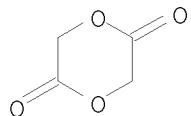
CRN 4511-42-6  
CMF C6 H8 O4

Absolute stereochemistry.



CM 3

CRN 502-97-6  
CMF C4 H4 O4



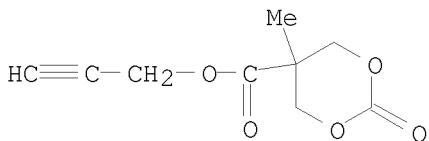
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 8 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 945841-53-2 REGISTRY  
ED Entered STN: 30 Aug 2007  
CN 1,3-Dioxane-5-carboxylic acid, 5-methyl-2-oxo-, 2-propyn-1-yl ester,  
homopolymer (CA INDEX NAME)  
MF (C9 H10 O5)x  
CI PMS  
PCT Polyacetylene, Polycarbonate, Polycarbonate formed  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*

CM 1

CRN 945841-51-0  
CMF C9 H10 O5

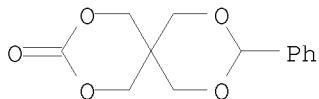


2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 9 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 935850-08-1 REGISTRY  
 ED Entered STN: 25 May 2007  
 CN 2,4,8,10-Tetraoxaspiro[5.5]undecan-3-one, 9-phenyl-, polymer with  
 2-hydroxy-1,3,2-dioxaphosphorinane 2-oxide (CA INDEX NAME)  
 MF (C13 H14 O5 . C3 H7 O4 P)x  
 CI PMS  
 PCT Polycarbonate, Polycarbonate formed, Polyether  
 SR CA  
 LC STN Files: CA, CAPLUS

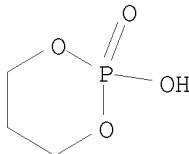
CM 1

CRN 573713-81-2  
 CMF C13 H14 O5



CM 2

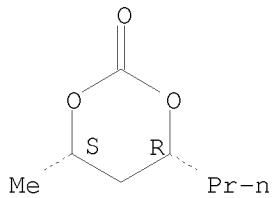
CRN 13507-10-3  
 CMF C3 H7 O4 P



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 10 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN  
 RN 918819-35-9 REGISTRY  
 ED Entered STN: 30 Jan 2007  
 CN 1,3-Dioxolan-2-one, 4-methyl-6-propyl-, (4R,6S)-rel- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C8 H14 O3  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his full

(FILE 'HOME' ENTERED AT 17:47:27 ON 12 AUG 2008)

FILE 'REGISTRY' ENTERED AT 17:47:34 ON 12 AUG 2008

L1 STRUCTURE uploaded

L2 3 SEA SSS SAM L1

D L2

D L2 2-3

L3 0 SEA ABB=ON PLU=ON FILCE CAPLUS

FILE 'CAPLUS' ENTERED AT 17:48:45 ON 12 AUG 2008

S 119543-65-6/REG# /RN

FILE 'REGISTRY' ENTERED AT 17:49:35 ON 12 AUG 2008

L4 1 SEA ABB=ON PLU=ON 119543-65-6/RN

FILE 'CAPLUS' ENTERED AT 17:49:35 ON 12 AUG 2008

L5 6 SEA ABB=ON PLU=ON L4  
 D L5 1- IBIB

FILE 'CAPLUS' ENTERED AT 17:53:50 ON 12 AUG 2008

L6 2999 SEA ABB=ON PLU=ON CYCLIC CARBONATE

L7 7 SEA ABB=ON PLU=ON L6 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR  
 DERMATOLOGICAL OR CUTICLE OR EYE MAKEUP OR EYELASHES OR  
 MASCARA OR LIPSTICK) (P) COMPOSITION

D L7 IBIB 1-

D L7 IBIB KWIC 4

D L7 IBIB KWIC 5

FILE 'REGISTRY' ENTERED AT 18:00:35 ON 12 AUG 2008

L8 STRUCTURE uploaded

L9 50 SEA SSS SAM L8

FILE 'CAPLUS' ENTERED AT 18:01:01 ON 12 AUG 2008

L10 0 SEA ABB=ON PLU=ON L9 (P) (SKIN OR HAIR OR NAIL OR TOPICAL OR  
 DERMATOLOGICAL OR CUTICLE OR EYE MAKEUP OR EYELASHES OR  
 MASCARA OR LIPSTICK) (P) COMPOSITION

FILE 'REGISTRY' ENTERED AT 18:01:33 ON 12 AUG 2008

D L9 1-10

FILE 'CAPLUS' ENTERED AT 18:01:39 ON 12 AUG 2008

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0  
DICTIONARY FILE UPDATES: 11 AUG 2008 HIGHEST RN 1040235-14-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Aug 2008 VOL 149 ISS 7  
FILE LAST UPDATED: 11 Aug 2008 (20080811/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> log h			
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION	
FULL ESTIMATED COST	0.48	123.64	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION	
CA SUBSCRIBER PRICE	0.00	-1.60	

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 18:02:18 ON 12 AUG 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSSPTA1615LXC

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \*    Welcome to STN International    \* \* \* \* \* \* \* \* \*

NEWS 1              Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAR 31    IFICDB, IFIPAT, and IFIUDB enhanced with new custom  
                  IPC display formats  
NEWS 3 MAR 31    CAS REGISTRY enhanced with additional experimental  
                  spectra  
NEWS 4 MAR 31    CA/CAplus and CASREACT patent number format for U.S.  
                  applications updated  
NEWS 5 MAR 31    LPCI now available as a replacement to LDPCI  
NEWS 6 MAR 31    EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
NEWS 7 APR 04    STN AnaVist, Version 1, to be discontinued  
NEWS 8 APR 15    WPIDS, WPIINDEX, and WPIX enhanced with new  
                  predefined hit display formats  
NEWS 9 APR 28    EMBASE Controlled Term thesaurus enhanced  
NEWS 10 APR 28    IMSRESEARCH reloaded with enhancements  
NEWS 11 MAY 30    INPAFAMDB now available on STN for patent family  
                  searching  
NEWS 12 MAY 30    DGENE, PCTGEN, and USGENE enhanced with new homology  
                  sequence search option  
NEWS 13 JUN 06    EPFULL enhanced with 260,000 English abstracts  
NEWS 14 JUN 06    KOREPAT updated with 41,000 documents  
NEWS 15 JUN 13    USPATFULL and USPAT2 updated with 11-character  
                  patent numbers for U.S. applications  
NEWS 16 JUN 19    CAS REGISTRY includes selected substances from  
                  web-based collections  
NEWS 17 JUN 25    CA/CAplus and USPAT databases updated with IPC  
                  reclassification data  
NEWS 18 JUN 30    AEROSPACE enhanced with more than 1 million U.S.  
                  patent records  
NEWS 19 JUN 30    EMBASE, EMBAL, and LEMBASE updated with additional  
                  options to display authors and affiliated  
                  organizations  
NEWS 20 JUN 30    STN on the Web enhanced with new STN AnaVist  
                  Assistant and BLAST plug-in  
NEWS 21 JUN 30    STN AnaVist enhanced with database content from EPFULL  
NEWS 22 JUL 28    CA/CAplus patent coverage enhanced  
NEWS 23 JUL 28    EPFULL enhanced with additional legal status  
                  information from the epoline Register  
NEWS 24 JUL 28    IFICDB, IFIPAT, and IFIUDB reloaded with enhancements  
NEWS 25 JUL 28    STN Viewer performance improved  
NEWS 26 AUG 01    INPADOCDB and INPAFAMDB coverage enhanced  
NEWS 27 AUG 13    CA/CAplus enhanced with printed Chemical Abstracts  
                  page images from 1967-1998  
NEWS 28 AUG 15    CAOLD to be discontinued on December 31, 2008  
NEWS 29 AUG 15    CAplus currency for Korean patents enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS        STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN        Welcome Banner and News Items  
NEWS IPC8        For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 11:28:17 ON 17 AUG 2008

=> le req

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file req

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:28:31 ON 17 AUG 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4  
DICTIONARY FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4

New GAS Information Use Policies. enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqgen/stndoc/properties.html>

=> s butylene carbonate/cn  
L1 1 BUTYLENE CARBONATE/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 4437-85-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Dioxolan-2-one, 4-ethyl- (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,2-Butanediol, cyclic carbonate (8CI)

CN Carbonic acid, cyclic ethylethylene ester (7CI, 8CI)  
CN Carbonic acid, ethylethylene ester (6CI)

OTHER NAMES:

CN 1,2-Butanediol carbonate

CN 1,2-Butylene carbonate

CN 2-Oxo-4-ethyl-1,3-dioxolane

CN 4-Ethyl-1,3-dioxolan-2-one

CN Butylene carbonate

CN Jeffsol BC

DR 126828-12-4, 127128-77-2

MF C5 H8 O3

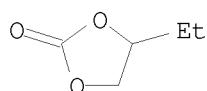
CI COM

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DETHERM\*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PROMT, RTECS\*, TOXCENTER, USPAT2, USPATFULL, USPATOLD

(\*File contains numerically searchable property data)

Other Sources: NDSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

732 REFERENCES IN FILE CA (1907 TO DATE)

7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

736 REFERENCES IN FILE CAPLUS (1907 TO DATE)

6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s hexylene carbonate/cn

L2 0 HEXYLENE CARBONATE/CN

=> s cyclic monothiocarbonate/cn

L3 0 CYCLIC MONOTHIOCARBONATE/CN

=> s bicyclo-1,3,-dioxanae-2-thione

811985 BICYCLO

2329329 1,3

0 DIOXANAE

28053828 2

114454 THIONE

L4 0 BICYCLO-1,3,-DIOXANAE-2-THIONE

(BICYCLO(W)1,3(W)DIOXANAE(W)2(W)THIONE)

=> s bicyclo-1,3,-dioxanae-2-thione/cn

L5 0 BICYCLO-1,3,-DIOXANAE-2-THIONE/CN

=> e bicyclo-1,3,-dioxanae-2-thione/cn

E1 1 BICYCLO-(2.2.2)-OCTANE-1-CARBOXYLAMIDE/CN

E2 1 BICYCLO-(2.2.2)OCTANE-2-CARBOXYLAMIDE/CN

E3 0 --> BICYCLO-1,3,-DIOXANAE-2-THIONE/CN

E4 1 BICYCLO-PGEM/CN

E5 1 BICYCLOALTERNARENENE 1/CN

E6 1 BICYCLOALTERNARENENE 10/CN

E7 1 BICYCLOALTERNARENENE 11/CN

E8 1 BICYCLOALTERNARENENE 2/CN

E9 1 BICYCLOALTERNARENENE 3/CN

E10 1 BICYCLOALTERNARENE 4/CN  
 E11 1 BICYCLOALTERNARENE 5/CN  
 E12 1 BICYCLOALTERNARENE 6/CN  
  
 => e 5,5-(bicyclo[2.2.1]hetan-5,5-ylidene)-1,3-dioxane-2-thione/cn  
 E1 1 5,5,9A,13B-(1)PENTANYL(5)YLIDYNE-5H-CYCLOPROPA(E)TRIPHENYLEN  
     E, 1,2,3,4,6,7,8,9,9A,10,11,12-DODECAHYDRO-, (4AR,5R,5AS,9AR  
     ,9BS,13BR,14S)-REL-/CN  
 E2 1 5,5-(1,7-DIBUTYLHEPTAMETHYLENE)BIS(7,8-DIHYDRO-6-METHYL-1,3-  
     DIOXOLO(4,5-G)ISOQUINOLINIUM IODIDE)/CN  
 E3 0 --> 5,5-(BICYCLO2.2.1HETAN-5,5-YLIDENE)-1,3-DIOXANE-2-THIONE/C  
     N  
 E4 1 5,5-(ETHYLENEDIOXY)-10.BETA.,21-BIS(PHENYLSULFONYL)-DE-A-19-  
     NORPREGN-9(11)-EN-20-ONE/CN  
 E5 1 5,5-(ETHYLENEDIOXY)-10.BETA.-(METHYLSULFONYL)DES-A-ESTR-9(11  
     )-EN-17-ONE/CN  
 E6 1 5,5-(ETHYLENEDIOXY)-10.BETA.-(PHENYLSULFONYL)DES-A-ESTR-9(11  
     )-EN-17-ONE/CN  
 E7 1 5,5-(ETHYLENEDIOXY)-17-HYDROXY-10.BETA.-(METHYLSULFONYL)DE-A  
     -ESTR-9(11)-EN-17.BETA.-CARBONITRILE/CN  
 E8 1 5,5-(ETHYLENEDIOXY)-3,3-DIPHENYL-3,5-SECO-A-NORCHOLEST-2-ENE  
     /CN  
 E9 1 5,5-(ETHYLENEDIOXY)-3,3-DIPHENYL-3,5-SECO-A-NORCHOLESTAN-3-O  
     L/CN  
 E10 1 5,5-(ETHYLENEDIOXY)-3,5-SECO-A-DINORCHOLESTAN-2-OIC ACID/CN  
 E11 1 5,5-(ETHYLENEDIOXY)-4,5-SECO-19-NORANDROSTANE-3,17.BETA.-DIO  
     L/CN  
 E12 1 5,5-(ETHYLENEDIOXY)-4,5-SECO-19-NORANDROSTANE-3,17.BETA.-DIO  
     L DIACETATE/CN

=> file caplsu  
 'CAPLSU' IS NOT A VALID FILE NAME  
 SESSION CONTINUES IN FILE 'REGISTRY'  
 Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files  
 that are available. If you have requested multiple files, you can  
 specify a corrected file name or you can enter "IGNORE" to continue  
 accessing the remaining file names entered.

=> file caplus		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		59.39	59.60

FILE 'CAPLUS' ENTERED AT 11:42:56 ON 17 AUG 2008  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is  
 held by the publishers listed in the PUBLISHER (PB) field (available  
 for records published or updated in Chemical Abstracts after December  
 26, 1996), unless otherwise indicated in the original publications.  
 The CA Lexicon is the copyrighted intellectual property of the  
 American Chemical Society and is provided to assist you in searching  
 databases on STN. Any dissemination, distribution, copying, or storing  
 of this information, without the prior written consent of CAS, is  
 strictly prohibited.

FILE COVERS 1907 - 17 Aug 2008 VOL 149 ISS 8  
 FILE LAST UPDATED: 15 Aug 2008 (20080815/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s bicyclo (p) cyclic carbonate  
24052 BICYCLO  
341169 CYCLIC  
355 CYCLICS  
341309 CYCLIC  
(CYCLIC OR CYCLICS)  
331251 CARBONATE  
72046 CARBONATES  
366382 CARBONATE  
(CARBONATE OR CARBONATES)  
3002 CYCLIC CARBONATE  
(CYCLIC(W)CARBONATE)  
L6 18 BICYCLO (P) CYCLIC CARBONATE

=> s 16 and (cosmetic or topical or makeup or eyelash or mascara or eye care or nail or hair or facial or skin dermatological or cuticle or lipstick or lip care or eye liner)  
67626 COSMETIC  
70465 COSMETICS  
91927 COSMETIC  
(COSMETIC OR COSMETICS)  
51388 TOPICAL  
41 TOPICALS  
51407 TOPICAL  
(TOPICAL OR TOPICALS)  
6776 MAKEUP  
2439 MAKEUPS  
7928 MAKEUP  
(MAKEUP OR MAKEUPS)  
280 EYELASH  
316 EYELASHES  
502 EYELASH  
(EYELASH OR EYELASHES)  
636 MASCARA  
1320 MASCARAS  
1468 MASCARA  
(MASCARA OR MASCARAS)  
130047 EYE  
28229 EYES  
140717 EYE  
(EYE OR EYES)  
67286 CARE  
222 CARES  
67477 CARE  
(CARE OR CARES)  
62 EYE CARE  
(EYE(W) CARE)  
8335 NAIL  
3468 NAILS  
10069 NAIL  
(NAIL OR NAILS)  
70152 HAIR  
5686 HAIRS  
72710 HAIR

(HAIR OR HAIRS)

11340 FACIAL  
3 FACIALS

11341 FACIAL  
(FACIAL OR FACIALS)

284918 SKIN  
11197 SKINS

291186 SKIN  
(SKIN OR SKINS)

2861 DERMATOLOGICAL  
13 DERMATOLOGICALS

2872 DERMATOLOGICAL  
(DERMATOLOGICAL OR DERMATOLOGICALS)

6819 DERMATOL  
8276 DERMATOLOGICAL  
(DERMATOLOGICAL OR DERMATOL)

57 SKIN DERMATOLOGICAL  
(SKIN(W) DERMATOLOGICAL)

9028 CUTICLE  
1290 CUTICLES

9402 CUTICLE  
(CUTICLE OR CUTICLES)

1709 LIPSTICK  
3125 LIPSTICKS  
3631 LIPSTICK  
(LIPSTICK OR LIPSTICKS)

8985 LIP  
2444 LIPS  
10725 LIP  
(LIP OR LIPS)

67286 CARE  
222 CARES

67477 CARE  
(CARE OR CARES)

55 LIP CARE  
(LIP(W) CARE)

130047 EYE  
28229 EYES

140717 EYE  
(EYE OR EYES)

19926 LINER  
9299 LINERS  
24422 LINER  
(LINER OR LINERS)

729 EYE LINER  
(EYE(W) LINER)

L7 0 L6 AND (COSMETIC OR TOPICAL OR MAKEUP OR EYELASH OR MASCARA OR  
EYE CARE OR NAIL OR HAIR OR FACIAL OR SKIN DERMATOLOGICAL OR  
CUTICLE OR LIPSTICK OR LIP CARE OR EYE LINER)

=> s 16 and @ad<20021107  
'20021107' NOT A VALID FIELD CODE  
0 @AD<20021107

L8 0 L6 AND @AD<20021107

=> s 16 and ad<20021107  
4446429 AD<20021107  
(AD<20021107)

L9 4 L6 AND AD<20021107

=> d 19 ibib kwic

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1998:335135 CAPLUS  
 DOCUMENT NUMBER: 129:60585  
 ORIGINAL REFERENCE NO.: 129:12441a,12444a  
 TITLE: Resist composition, resist pattern formation, and production of semiconductor device  
 INVENTOR(S): Nozaki, Koji; Yano, Akira; Watanabe, Keiji; Namiki, Takahisa; Igarashi, Yoshikazu  
 PATENT ASSIGNEE(S): Fujitsu Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10133377	A	19980522	JP 1996-288524	19961030 <--
JP 3297324	B2	20020702		
US 5910392	A	19990608	US 1997-882734	19970626 <--
TW 434452	B	20010516	TW 1997-86110419	19970722 <--
PRIORITY APPLN. INFO.:			JP 1996-288524	A 19961030
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 10133377	A	19980522	JP 1996-288524	19961030 <--
JP 3297324	B2	20020702		
US 5910392	A	19990608	US 1997-882734	19970626 <--
TW 434452	B	20010516	TW 1997-86110419	19970722 <--
IT 208727-84-8P, Glycidyl methacrylate-4-vinylphenol copolymer carbonate 208727-85-9P, Glycidyl methacrylate-tetrahydropyranyl methacrylate copolymer carbonate 208727-86-0P, Glycidyl methacrylate-2-methyl-2-adamantyl methacrylate copolymer carbonate 208727-87-1P, Glycidyl methacrylate-3-oxocyclohexyl methacrylate copolymer carbonate 208727-88-2P, Glycidyl methacrylate-mevalonic lactone methacrylate copolymer carbonate 208727-89-3P, 2-Cyclohexenyl methacrylate-mevalonic lactone methacrylate copolymer carbonate 208727-90-6P, Glycidyl methacrylate-2-methyl-2-bicyclo [2,2,2]octane methacrylate copolymer carbonate				
RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (resist compn. contg. polymer having cyclic carbonate group useful for manuf. of semiconductor device)				

=> d 19 ibib kwic 3-  
 YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1963:462122 CAPLUS  
 DOCUMENT NUMBER: 59:62122  
 ORIGINAL REFERENCE NO.: 59:11422g-h  
 TITLE: 3-Oxatricyclo[3.2.1.0<sub>2,4</sub>]octane-6,7-diol  
 INVENTOR(S): Tinsley, Samuel W.  
 PATENT ASSIGNEE(S): Union Carbide Corp.  
 SOURCE: 2 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3071600	---	19630101	US 1960-32522 US	19600531 <-- 19600531
PRIORITY APPLN. INFO.:				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 3071600	---	19630101	US 1960-32522	19600531 <--
AB	The title compd. represented by I was prep'd. from bicyclo [2.2.1]hept-2-ene-5,6-diol (II), obtained by hydrolysis from its cyclic carbonate. Thus, to a soln. of 25 g. II in 20 g. EtOAc was added dropwise, during 15 min., 75 g.. . .			

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1959:39846 CAPLUS  
 DOCUMENT NUMBER: 53:39846  
 ORIGINAL REFERENCE NO.: 53:7127h-i, 7128a-e  
 TITLE: Dihydroanthracenedicarboxaldehydes  
 INVENTOR(S): Patton, Tad L.  
 PATENT ASSIGNEE(S): Monsanto Chemical Co.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2857434	---	19581021	US 1956-613827	19561004 <--
PATENT NO. KIND DATE APPLICATION NO. DATE				
PI US 2857434	---	19581021	US 1956-613827	19561004 <--
AB	. . . is prep'd. by refluxing 45 hrs. 43 g. I with 89 g. anthracene in 250 ml. .omicron.-Cl <sub>2</sub> C <sub>6</sub> H <sub>4</sub> . On cooling, 9,10-dihydro-9,10-ethanoanthracene-11,12-diol cyclic carbonate separates, m. 253-4.degree.. To 10 g. of this adduct is added 1.5 g. NaOH in 200 ml. 1:1 (by vol.). . . 18-21 hrs. at 180.degree. in a sealed 300 ml. stainless steel bomb. The purified adduct formed in 60% yield is bicyclo[2.2.1]hex-5-ene-2,3-diol cyclic carbonate, m. 115-17.degree.. The adduct (15.4 g) is refluxed 1 hr. with 2 g. NaOH in 50 ml. H <sub>2</sub> O, then evapd. to dryness. The residue is taken up in Et <sub>2</sub> O, dried, and the Et <sub>2</sub> O evapd. to yield 90% bicyclo [2.2.1]hept-5-ene-2,3-diol, m. 176-8.degree.. Then 5 g. of the diol is dissolved in 100 ml. EtOH contg. 1.0 g. Raney Ni and. . . and 1000 lb./sq. in. Evapn. of the filtrate in vacuo and recrystn. of the residue from hexane yields 5 g. bicyclo[2.2.1]heptane-2,3-diol, m. 210-11.degree.. The reduced diol (12.8 g.) is then subjected to Pb(OAc) <sub>4</sub> as before, with stirring 3 hrs. after addn.. . . with Pb(OAc) <sub>4</sub> to adipaldehyde, b3, 68-70.degree.. The adduct prep'd. by refluxing I with hexachloropentadiene in .omicron.-Cl <sub>2</sub> C <sub>6</sub> H <sub>4</sub> 4 hrs. is 1,4,5,6,7,7-hexachlorobicyclo[2.2.1]hept-5-ene-2,3-diol cyclic carbonate, m. 232-3.degree.. A mixt of 147.6 g. of this adduct and 10 ml. 28% HCl in 1000 ml. 2:3 H <sub>2</sub> O-EtOH. . .			

=> d 19 ibib kwic 2

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:710934 CAPLUS  
 DOCUMENT NUMBER: 127:346815  
 ORIGINAL REFERENCE NO.: 127:68057a, 68060a  
 TITLE: Norbornane cyclic carbonate and heat-resistant polymers thereof  
 INVENTOR(S): Murayama, Mitsumoto; Mita, Fumio; Endo, Takeshi

PATENT ASSIGNEE(S): Sumitomo Bakelite Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09278874	A	19971028	JP 1996-92699	19960415 <--
PRIORITY APPLN. INFO.:			JP 1996-92699	19960415
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 09278874	A	19971028	JP 1996-92699	19960415 <--
IT 6707-12-6P, 5,5-Norbornenedimethanol [2.2.1]heptane-2,2-dimethanol		198197-09-0P	15449-66-8P, Bicyclo	
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)			(norbornane cyclic carbonate and heat-resistant polymers thereof)	

=> s butylene carbonate  
35607 BUTYLENE  
1192 BUTYLENES  
36411 BUTYLENE  
(BUTYLENE OR BUTYLENES)  
331251 CARBONATE  
72046 CARBONATES  
366382 CARBONATE  
(CARBONATE OR CARBONATES)  
L10 736 BUTYLENE CARBONATE  
(BUTYLENE (W) CARBONATE)

=> s butylene carbonate (p) cyclic  
35607 BUTYLENE  
1192 BUTYLENES  
36411 BUTYLENE  
(BUTYLENE OR BUTYLENES)  
331251 CARBONATE  
72046 CARBONATES  
366382 CARBONATE  
(CARBONATE OR CARBONATES)  
736 BUTYLENE CARBONATE  
(BUTYLENE (W) CARBONATE)  
341169 CYCLIC  
355 CYCLICS  
341309 CYCLIC  
(CYCLIC OR CYCLICS)  
L11 79 BUTYLENE CARBONATE (P) CYCLIC

=> s butylene (5a) carbonate (5a) cyclic  
35607 BUTYLENE  
1192 BUTYLENES  
36411 BUTYLENE  
(BUTYLENE OR BUTYLENES)  
331251 CARBONATE  
72046 CARBONATES  
366382 CARBONATE  
(CARBONATE OR CARBONATES)  
341169 CYCLIC

355 CYCLICS  
341309 CYCLIC  
    (CYCLIC OR CYCLICS)  
L12       44 BUTYLENE (5A) CARBONATE (5A) CYCLIC

=> s 112 and (cosmetic or topical or makeup or eyelash or mascara or eye care or nail or hair or facial or skin dermatological or cuticle or lipstick or lip care or eye liner)

67626 COSMETIC  
70465 COSMETICS  
91927 COSMETIC  
    (COSMETIC OR COSMETICS)  
51388 TOPICAL  
    41 TOPICALS  
51407 TOPICAL  
    (TOPICAL OR TOPICALS)  
6776 MAKEUP  
2439 MAKEUPS  
7928 MAKEUP  
    (MAKEUP OR MAKEUPS)  
280 EYELASH  
316 EYELASHES  
502 EYELASH  
    (EYELASH OR EYELASHES)  
636 MASCARA  
1320 MASCARAS  
1468 MASCARA  
    (MASCARA OR MASCARAS)  
130047 EYE  
28229 EYES  
140717 EYE  
    (EYE OR EYES)  
67286 CARE  
    222 CARES  
67477 CARE  
    (CARE OR CARES)  
62 EYE CARE  
    (EYE (W) CARE)  
8335 NAIL  
3468 NAILS  
10069 NAIL  
    (NAIL OR NAILS)  
70152 HAIR  
5686 HAIRS  
72710 HAIR  
    (HAIR OR HAIRS)  
11340 FACIAL  
    3 FACIALS  
11341 FACIAL  
    (FACIAL OR FACIALS)  
284918 SKIN  
11197 SKINS  
291186 SKIN  
    (SKIN OR SKINS)  
2861 DERMATOLOGICAL  
    13 DERMATOLOGICALS  
2872 DERMATOLOGICAL  
    (DERMATOLOGICAL OR DERMATOLOGICALS)  
6819 DERMATOL  
8276 DERMATOLOGICAL  
    (DERMATOLOGICAL OR DERMATOL)  
57 SKIN DERMATOLOGICAL

(SKIN(W) DERMATOLOGICAL)  
 9028 CUTICLE  
 1290 CUTICLES  
 9402 CUTICLE  
 (CUTICLE OR CUTICLES)  
 1709 LIPSTICK  
 3125 LIPSTICKS  
 3631 LIPSTICK  
 (LIPSTICK OR LIPSTICKS)  
 8985 LIP  
 2444 LIPS  
 10725 LIP  
 (LIP OR LIPS)  
 67286 CARE  
 222 CARES  
 67477 CARE  
 (CARE OR CARES)  
 55 LIP CARE  
 (LIP(W) CARE)  
 130047 EYE  
 28229 EYES  
 140717 EYE  
 (EYE OR EYES)  
 19926 LINER  
 9299 LINERS  
 24422 LINER  
 (LINER OR LINERS)  
 729 EYE LINER  
 (EYE(W) LINER)  
 L13 1 L12 AND (COSMETIC OR TOPICAL OR MAKEUP OR EYELASH OR MASCARA OR  
 EYE CARE OR NAIL OR HAIR OR FACIAL OR SKIN DERMATOLOGICAL OR  
 CUTICLE OR LIPSTICK OR LIP CARE OR EYE LINER)

=> d 113

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2007:167202 CAPLUS  
 DN 146:212276  
 TI Use of one or more cyclic 1,2-alkylene carbonates as stabilizers and  
 activity enhancers in preservatives for cosmetics  
 IN Straetmans, Udo; Jaenichen, Jan; Petersen, Wilfried; Kinder, Michael  
 PA Dr. Straetmans Chemische Produkte G.m.b.H., Germany  
 SO Eur. Pat. Appl., 33pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA German  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1752193	A1	20070214	EP 2005-17684	20050813
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRAI EP 2005-17684		20050813		
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> s (pentylene or hexylene or octylene or heptylene or butylene) (5a) carbonate  
 (5a) cyclic  
 468 PENTYLENE  
 6 PENTYLENES

473 PENTYLENE  
     (PENTYLENE OR PENTYLENES)  
 2360 HEXYLENE  
     24 HEXYLENES  
 2379 HEXYLENE  
     (HEXYLENE OR HEXYLENES)  
 523 OCTYLENE  
     15 OCTYLENES  
 536 OCTYLENE  
     (OCTYLENE OR OCTYLENES)  
 102 HEPTYLENE  
     7 HEPTYLENES  
 109 HEPTYLENE  
     (HEPTYLENE OR HEPTYLENES)  
 35607 BUTYLENE  
     1192 BUTYLENES  
 36411 BUTYLENE  
     (BUTYLENE OR BUTYLENES)  
 331251 CARBONATE  
     72046 CARBONATES  
 366382 CARBONATE  
     (CARBONATE OR CARBONATES)  
 341169 CYCLIC  
     355 CYCLICS  
 341309 CYCLIC  
     (CYCLIC OR CYCLICS)  
 L14       46 (PENTYLENE OR HEXYLENE OR OCTYLENE OR HEPTYLENE OR BUTYLENE)  
         (5A) CARBONATE (5A) CYCLIC  
  
 => s (pentylene or hexylene or octylene or heptylene) (5a) carbonate (5a) cyclic  
     468 PENTYLENE  
     6 PENTYLENES  
     473 PENTYLENE  
         (PENTYLENE OR PENTYLENES)  
     2360 HEXYLENE  
     24 HEXYLENES  
     2379 HEXYLENE  
         (HEXYLENE OR HEXYLENES)  
     523 OCTYLENE  
     15 OCTYLENES  
     536 OCTYLENE  
         (OCTYLENE OR OCTYLENES)  
     102 HEPTYLENE  
     7 HEPTYLENES  
     109 HEPTYLENE  
         (HEPTYLENE OR HEPTYLENES)  
     331251 CARBONATE  
     72046 CARBONATES  
     366382 CARBONATE  
         (CARBONATE OR CARBONATES)  
     341169 CYCLIC  
     355 CYCLICS  
     341309 CYCLIC  
         (CYCLIC OR CYCLICS)  
 L15       4 (PENTYLENE OR HEXYLENE OR OCTYLENE OR HEPTYLENE) (5A) CARBONATE  
         (5A) CYCLIC

=> d 115 ibib kwic 1-  
 YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

ACCESSION NUMBER: 2007:167202 CAPLUS  
 DOCUMENT NUMBER: 146:212276  
 TITLE: Use of one or more cyclic 1,2-alkylene carbonates as stabilizers and activity enhancers in preservatives for cosmetics  
 INVENTOR(S): Straetmans, Udo; Jaenichen, Jan; Petersen, Wilfried; Kinder, Michael  
 PATENT ASSIGNEE(S): Dr. Straetmans Chemische Produkte G.m.b.H., Germany  
 SOURCE: Eur. Pat. Appl., 33pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1752193	A1	20070214	EP 2005-17684	20050813
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRIORITY APPLN. INFO.:			EP 2005-17684	20050813
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		
IT 96-49-1D, 1,3-Dioxolan-2-one, alkyl derivs.	4437-85-8, 1,2-Butylene carbonate	66675-43-2, 1,2-Hexylene carbonate	82947-28-2 89489-56-5, 1,2-Pentylene carbonate	145779-35-7, Rokonsal BS 866395-86-0, Optiphen liquid 923590-20-9, Dermosoft LP
RL: BSU (Biological study, unclassified); COS (Cosmetic use); BIOL (Biological study); USES (Uses)				
(use of one or more cyclic 1,2-alkylene carbonates as stabilizers and activity enhancers in preservatives for cosmetics)				

L15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2006:787191 CAPLUS  
 DOCUMENT NUMBER: 145:293064  
 TITLE: Method for synthesizing cyclic carbonate  
 INVENTOR(S): Zhang, Suobo; Xie, Haibo  
 PATENT ASSIGNEE(S): Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1696123	A	20051116	CN 2005-10016850	20050603
PRIORITY APPLN. INFO.:			CN 2005-10016850	20050603
OTHER SOURCE(S):	CASREACT 145:293064; MARPAT 145:293064			
IT 96-49-1P, Ethylene carbonate	108-32-7P, Propylene carbonate	2463-45-8P, Epichlorohydrin carbonate	4389-22-4P, Cyclohexene carbonate	4427-92-3P, Phenylethylene carbonate
66675-43-2P, 1,2-Hexylene carbonate	4437-85-8P, Butylene carbonate			
RL: IMF (Industrial manufacture); PREP (Preparation)				
(synthesis of cyclic carbonate by reacting epoxy compd. and carbon dioxide)				

L15 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:106120 CAPLUS  
DOCUMENT NUMBER: 140:321265  
TITLE: Co(III) porphyrin/DMAP: an efficient catalyst system for the synthesis of cyclic carbonates from CO<sub>2</sub> and epoxides  
AUTHOR(S): Paddock, Robert L.; Hiyama, Yaeko; McKay, Jonathan M.; Nguyen, SonBinh T.  
CORPORATE SOURCE: Department of Chemistry and Institute for Environmental Catalysis, Northwestern University, Evanston, IL, 60208-3113, USA  
SOURCE: Tetrahedron Letters (2004), 45(9), 2023-2026  
CODEN: TELEAY; ISSN: 0040-4039  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 140:321265  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
IT 108-32-7P, 4-Methyl-1,3-dioxolan-2-one 2463-45-8P, 4-Chloromethyl-1,3-dioxolan-2-one 4427-92-3P, 4-Phenyl-1,3-dioxolan-2-one 4427-96-7P, 4-Vinyl-1,3-dioxolan-2-one 4437-69-8P, 4,4-Dimethyl-1,3-dioxolan-2-one 66675-43-2P, 1,2-Hexylene carbonate 161007-10-9P, 4-Benzyl-1,3-dioxolan-2-one  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of cyclic carbonates via DMAP-mediated cobalt-porphyrin-catalyzed heterocyclization of epoxides with carbon dioxide)

L15 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2003:564800 CAPLUS  
DOCUMENT NUMBER: 139:364852  
TITLE: A novel and effective Ni complex catalyst system for the coupling reactions of carbon dioxide and epoxides  
AUTHOR(S): Li, Fuwei; Xia, Chungu; Xu, Liwen; Sun, Wei; Chen, Gexin  
CORPORATE SOURCE: Lanzhou Institute of Chemical Physics, State Key Laboratory for Oxo Synthesis and Selective Oxidation, Chinese Academy of Sciences, Lanzhou, 73000, Peop. Rep. China  
SOURCE: Chemical Communications (Cambridge, United Kingdom) (2003), (16), 2042-2043  
CODEN: CHCOFS; ISSN: 1359-7345  
PUBLISHER: Royal Society of Chemistry  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 139:364852  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
IT 108-32-7P, Propylene carbonate 2463-45-8P, 4-Chloromethyl-1,3-dioxolan-2-one 4389-22-4P, Cyclohexene carbonate 4427-92-3P, 4-Phenyl-1,3-dioxolan-2-one 4427-96-7P, 4-Vinyl-1,3-dioxolan-2-one 66675-43-2P, 1,2-Hexylene carbonate  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of cyclic carbonates via nickel-catalyzed heterocyclization of epoxides with carbon dioxide)

=> d his full

(FILE 'HOME' ENTERED AT 11:28:17 ON 17 AUG 2008)

FILE 'REGISTRY' ENTERED AT 11:28:31 ON 17 AUG 2008

L1           1 SEA ABB=ON PLU=ON BUTYLENE CARBONATE/CN  
D L1  
L2           0 SEA ABB=ON PLU=ON HEXYLENE CARBONATE/CN  
L3           0 SEA ABB=ON PLU=ON CYCLIC MONOTHIOCARBONATE/CN  
L4           0 SEA ABB=ON PLU=ON BICYCLO-1,3,-DIOXANAE-2-THIONE  
L5           0 SEA ABB=ON PLU=ON BICYCLO-1,3,-DIOXANAE-2-THIONE/CN  
E BICYCLO-1,3,-DIOXANAE-2-THIONE/CN  
E 5,5-(BICYCLO[2.2.1]HETAN-5,5-YLIDENE)-1,3-DIOXANE-2-THIONE/CN

FILE 'CAPLUS' ENTERED AT 11:42:56 ON 17 AUG 2008

L6           18 SEA ABB=ON PLU=ON BICYCLO (P) CYCLIC CARBONATE  
L7           0 SEA ABB=ON PLU=ON L6 AND (COSMETIC OR TOPICAL OR MAKEUP OR  
EYELASH OR MASCARA OR EYE CARE OR NAIL OR HAIR OR FACIAL OR  
SKIN DERMATOLOGICAL OR CUTICLE OR LIPSTICK OR LIP CARE OR EYE  
LINER)  
L8           0 SEA ABB=ON PLU=ON L6 AND @AD<20021107  
L9           4 SEA ABB=ON PLU=ON L6 AND AD<20021107  
D L9 IBIB KWIC  
D L9 IBIB KWIC 3-  
D L9 IBIB KWIC 2  
L10          736 SEA ABB=ON PLU=ON BUTYLENE CARBONATE  
L11          79 SEA ABB=ON PLU=ON BUTYLENE CARBONATE (P) CYCLIC  
L12          44 SEA ABB=ON PLU=ON BUTYLENE (5A) CARBONATE (5A) CYCLIC  
L13          1 SEA ABB=ON PLU=ON L12 AND (COSMETIC OR TOPICAL OR MAKEUP OR  
EYELASH OR MASCARA OR EYE CARE OR NAIL OR HAIR OR FACIAL OR  
SKIN DERMATOLOGICAL OR CUTICLE OR LIPSTICK OR LIP CARE OR EYE  
LINER)  
D L13  
L14          46 SEA ABB=ON PLU=ON (PENTYLENE OR HEXYLENE OR OCTYLENE OR  
HEPTYLENE OR BUTYLENE) (5A) CARBONATE (5A) CYCLIC  
L15          4 SEA ABB=ON PLU=ON (PENTYLENE OR HEXYLENE OR OCTYLENE OR  
HEPTYLENE) (5A) CARBONATE (5A) CYCLIC  
D L15 IBIB KWIC 1-

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4  
DICTIONARY FILE UPDATES: 15 AUG 2008 HIGHEST RN 1041334-94-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE CAPLUS

Copyright of the articles to which records in this database refer is  
held by the publishers listed in the PUBLISHER (PB) field (available

for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 17 Aug 2008 VOL 149 ISS 8  
FILE LAST UPDATED: 15 Aug 2008 (20080815/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> log h	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	151.53	211.13
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-1.60	-1.60

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 11:50:05 ON 17 AUG 2008